

Name _____

Factoring Quiz

Expectation	Level Achieved
A1 - expand and simplify quadratic expressions	

REMEMBER $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

1. Factor fully

a. $x^2 - 8x - 20$

b. $3x^2 + 21x + 30$

2. Solve for the roots by factoring

a. $x^2 - 9x + 20 = 0$

b. $6x^2 + 11x - 35 = 0$

3. Solve using the quadratic formula

a. $x^2 + 9x + 11 = 0$

b. $8x^2 - 2x - 3 = 0$